

01234
10081 US PTO

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	5094
First Inventor	John Shigeura (deceased)
Title	HEAT TRANSFER FOR THERMAL CYCLING
Express Mail Label No.	EV 320 407 445 US

01234
19270 763537 U.S.P.T.O.**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 23]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 13]
- Oath or Declaration [Total Pages]
 a. Executed (original or copy)
 b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. § 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified copy of Priority Document(s) *(if foreign priority is claimed)*
16. Certified Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ / _____ filed _____

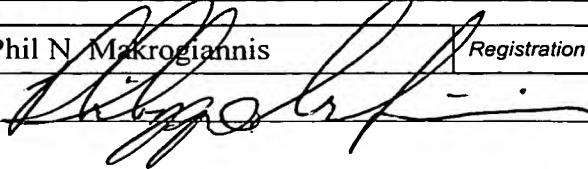
Prior application information: Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy or the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	22896	or <input type="checkbox"/> Correspondence address below			
Name	Phil N. Makrogiannis				
Address	Applied Biosystems				
	850 Lincoln Centre Drive				
City	Foster City	State	California	Zip Code	94404
Country	US	Telephone	650-570-6667	Fax	650-638-6677

Name (Print/Type)	Phil N. Makrogiannis	Registration No. (Attorney/Agent)	47,766
Signature		Date	January 22, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

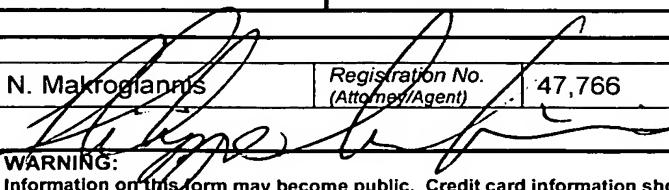
FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 942.00)

Complete if Known

Application Number	To be assigned
Filing Date	January 23, 2004 (herewith)
First Named Inventor	John Shigeura (deceased)
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	5094

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																									
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number <input type="text" value="01-2213"/></p> <p>Deposit Account Name <input type="text" value="Applied Biosystems"/></p> <p><input checked="" type="checkbox"/> Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> <td></td> <td></td> </tr> <tr> <td>1051</td> <td>130</td> <td>2051 65 Surcharge – late filing fee or oath</td> <td><input type="text"/></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052 25 Surcharge – late provisional filing fee or cover sheet.</td> <td><input type="text"/></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053 130 Non-English specification</td> <td><input type="text"/></td> </tr> <tr> <td>1812</td> <td>2520</td> <td>1812 2520 For filing a request for ex parte reexamination</td> <td><input type="text"/></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804 920* Requesting publication of SIR prior to Examiner action</td> <td><input type="text"/></td> </tr> <tr> <td>1805</td> <td>1840*</td> <td>1805 1840* Requesting publication of SIR after Examiner action</td> <td><input type="text"/></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251 55 Extension for reply within first month</td> <td><input type="text"/></td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252 210 Extension for reply within second month</td> <td><input type="text"/></td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253 475 Extension for reply within third month</td> <td><input type="text"/></td> </tr> <tr> <td>1254</td> <td>1480</td> <td>2254 740 Extension for reply within fourth month</td> <td><input type="text"/></td> </tr> <tr> <td>1255</td> <td>2010</td> <td>2255 1005 Extension for reply within fifth month</td> <td><input type="text"/></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401 165 Notice of Appeal</td> <td><input type="text"/></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402 165 Filing a brief in support of an appeal</td> <td><input type="text"/></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403 145 Request for oral hearing</td> <td><input type="text"/></td> </tr> <tr> <td>1451</td> <td>1510</td> <td>1451 1510 Petition to institute a public use proceeding</td> <td><input type="text"/></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452 55 Petition to revive – unavoidable</td> <td><input type="text"/></td> </tr> <tr> <td>1453</td> <td>1330</td> <td>2453 665 Petition to revive – unintentional</td> <td><input type="text"/></td> </tr> <tr> <td>1501</td> <td>1330</td> <td>2501 665 Utility issue fee (or reissue)</td> <td><input type="text"/></td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502 240 Design issue fee</td> <td><input type="text"/></td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503 320 Plant issue fee</td> <td><input type="text"/></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460 130 Petitions to the Commissioner</td> <td><input type="text"/></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807 50 Processing fee for provisional applications</td> <td><input type="text"/></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806 180 Submission of Information Disclosure Stmt</td> <td><input type="text"/></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021 40 Recording each patent assignment per property (times number of properties)</td> <td><input type="text"/></td> </tr> <tr> <td>1809</td> <td>770</td> <td>2809 385 Filing a submission after final rejection (37 CFR 1.129(a))</td> <td><input type="text"/></td> </tr> <tr> <td>1810</td> <td>770</td> <td>2810 385 For each additional invention to be examined (37 CFR 1.129(b))</td> <td><input type="text"/></td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801 385 Request for Continued Examination (RCE)</td> <td><input type="text"/></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802 900 Request for expedited examination of a design application</td> <td><input type="text"/></td> </tr> <tr> <td colspan="2">Other fee (specify) _____</td> <td colspan="2"><input type="text"/></td> </tr> <tr> <td colspan="2">SUBTOTAL (1) (\$ 770.00)</td> <td colspan="2"><input type="text"/></td> </tr> <tr> <td colspan="2">SUBTOTAL (2) (\$ 172.00)</td> <td colspan="2"><input type="text"/></td> </tr> <tr> <td colspan="2">SUBTOTAL (3) (\$ 0)</td> <td colspan="2"><input type="text"/></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)			1051	130	2051 65 Surcharge – late filing fee or oath	<input type="text"/>	1052	50	2052 25 Surcharge – late provisional filing fee or cover sheet.	<input type="text"/>	1053	130	1053 130 Non-English specification	<input type="text"/>	1812	2520	1812 2520 For filing a request for ex parte reexamination	<input type="text"/>	1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	<input type="text"/>	1805	1840*	1805 1840* Requesting publication of SIR after Examiner action	<input type="text"/>	1251	110	2251 55 Extension for reply within first month	<input type="text"/>	1252	420	2252 210 Extension for reply within second month	<input type="text"/>	1253	950	2253 475 Extension for reply within third month	<input type="text"/>	1254	1480	2254 740 Extension for reply within fourth month	<input type="text"/>	1255	2010	2255 1005 Extension for reply within fifth month	<input type="text"/>	1401	330	2401 165 Notice of Appeal	<input type="text"/>	1402	330	2402 165 Filing a brief in support of an appeal	<input type="text"/>	1403	290	2403 145 Request for oral hearing	<input type="text"/>	1451	1510	1451 1510 Petition to institute a public use proceeding	<input type="text"/>	1452	110	2452 55 Petition to revive – unavoidable	<input type="text"/>	1453	1330	2453 665 Petition to revive – unintentional	<input type="text"/>	1501	1330	2501 665 Utility issue fee (or reissue)	<input type="text"/>	1502	480	2502 240 Design issue fee	<input type="text"/>	1503	640	2503 320 Plant issue fee	<input type="text"/>	1460	130	1460 130 Petitions to the Commissioner	<input type="text"/>	1807	50	1807 50 Processing fee for provisional applications	<input type="text"/>	1806	180	1806 180 Submission of Information Disclosure Stmt	<input type="text"/>	8021	40	8021 40 Recording each patent assignment per property (times number of properties)	<input type="text"/>	1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>	1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>	1801	770	2801 385 Request for Continued Examination (RCE)	<input type="text"/>	1802	900	1802 900 Request for expedited examination of a design application	<input type="text"/>	Other fee (specify) _____		<input type="text"/>		SUBTOTAL (1) (\$ 770.00)		<input type="text"/>		SUBTOTAL (2) (\$ 172.00)		<input type="text"/>		SUBTOTAL (3) (\$ 0)		<input type="text"/>	
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																								
Fee Code (\$)	Fee Code (\$)																																																																																																																																										
1051	130	2051 65 Surcharge – late filing fee or oath	<input type="text"/>																																																																																																																																								
1052	50	2052 25 Surcharge – late provisional filing fee or cover sheet.	<input type="text"/>																																																																																																																																								
1053	130	1053 130 Non-English specification	<input type="text"/>																																																																																																																																								
1812	2520	1812 2520 For filing a request for ex parte reexamination	<input type="text"/>																																																																																																																																								
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	<input type="text"/>																																																																																																																																								
1805	1840*	1805 1840* Requesting publication of SIR after Examiner action	<input type="text"/>																																																																																																																																								
1251	110	2251 55 Extension for reply within first month	<input type="text"/>																																																																																																																																								
1252	420	2252 210 Extension for reply within second month	<input type="text"/>																																																																																																																																								
1253	950	2253 475 Extension for reply within third month	<input type="text"/>																																																																																																																																								
1254	1480	2254 740 Extension for reply within fourth month	<input type="text"/>																																																																																																																																								
1255	2010	2255 1005 Extension for reply within fifth month	<input type="text"/>																																																																																																																																								
1401	330	2401 165 Notice of Appeal	<input type="text"/>																																																																																																																																								
1402	330	2402 165 Filing a brief in support of an appeal	<input type="text"/>																																																																																																																																								
1403	290	2403 145 Request for oral hearing	<input type="text"/>																																																																																																																																								
1451	1510	1451 1510 Petition to institute a public use proceeding	<input type="text"/>																																																																																																																																								
1452	110	2452 55 Petition to revive – unavoidable	<input type="text"/>																																																																																																																																								
1453	1330	2453 665 Petition to revive – unintentional	<input type="text"/>																																																																																																																																								
1501	1330	2501 665 Utility issue fee (or reissue)	<input type="text"/>																																																																																																																																								
1502	480	2502 240 Design issue fee	<input type="text"/>																																																																																																																																								
1503	640	2503 320 Plant issue fee	<input type="text"/>																																																																																																																																								
1460	130	1460 130 Petitions to the Commissioner	<input type="text"/>																																																																																																																																								
1807	50	1807 50 Processing fee for provisional applications	<input type="text"/>																																																																																																																																								
1806	180	1806 180 Submission of Information Disclosure Stmt	<input type="text"/>																																																																																																																																								
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	<input type="text"/>																																																																																																																																								
1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>																																																																																																																																								
1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>																																																																																																																																								
1801	770	2801 385 Request for Continued Examination (RCE)	<input type="text"/>																																																																																																																																								
1802	900	1802 900 Request for expedited examination of a design application	<input type="text"/>																																																																																																																																								
Other fee (specify) _____		<input type="text"/>																																																																																																																																									
SUBTOTAL (1) (\$ 770.00)		<input type="text"/>																																																																																																																																									
SUBTOTAL (2) (\$ 172.00)		<input type="text"/>																																																																																																																																									
SUBTOTAL (3) (\$ 0)		<input type="text"/>																																																																																																																																									
SUBMITTED BY		Complete (if applicable)																																																																																																																																									
Name (Print/Type)	Phil N. Makfoglians	Registration No. (Attorney/Agent)	47,766																																																																																																																																								
Signature																																																																																																																																											
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																																																																																																											